

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091424\
 Data File : BN033927.D
 Acq On : 14 Sep 2024 23:02
 Operator : JU/RC
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4305

Quant Time: Sep 15 02:00:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 01:52:43 2024
 Response via : Initial Calibration

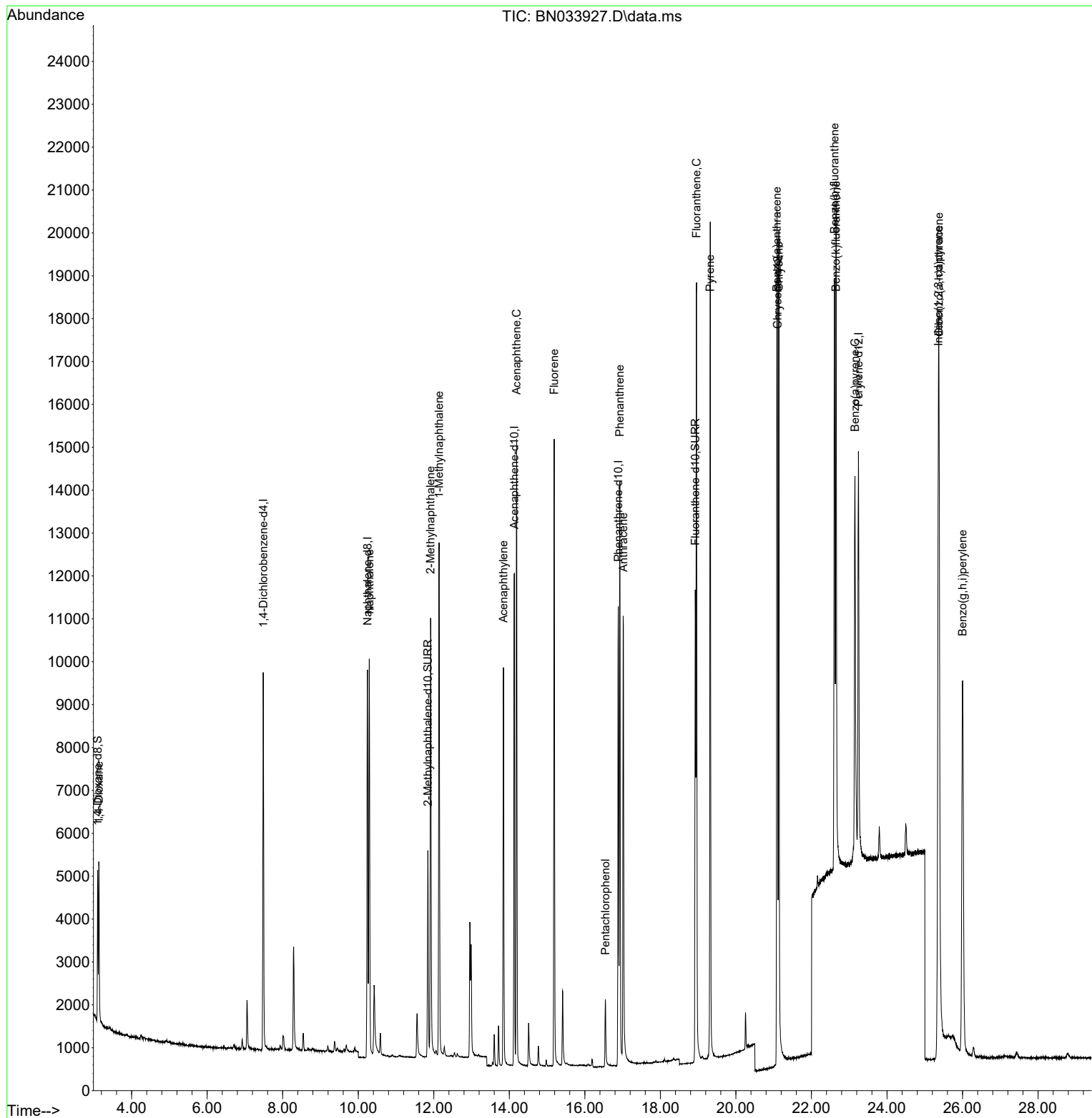
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.485	152	4383	0.400	ng/ul	0.00
4) Naphthalene-d8	10.244	136	12273	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.133	164	6197	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.885	188	12871	0.400	ng/ul	0.00
17) Chrysene-d12	21.100	240	11140	0.400	ng/ul	0.00
23) Perylene-d12	23.245	264	12473	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	1992	0.442	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.845	152	6827	0.388	ng/ul	0.00
18) Fluoranthene-d10	18.924	212	13058	0.393	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.135	88	2222	0.444	ng/ul#	86
5) Naphthalene	10.294	128	12806	0.390	ng/ul	100
7) 2-Methylnaphthalene	11.916	142	7991	0.384	ng/ul	100
8) 1-Methylnaphthalene	12.142	142	8335	0.390	ng/ul	99
10) Acenaphthylene	13.846	152	10758	0.382	ng/ul	99
11) Acenaphthene	14.193	153	8305	0.409	ng/ul	98
12) Fluorene	15.187	166	9260	0.408	ng/ul	100
14) Pentachlorophenol	16.543	266	1209	0.299	ng/ul	99
15) Phenanthrene	16.927	178	14574	0.384	ng/ul	99
16) Anthracene	17.016	178	12494	0.366	ng/ul	100
19) Fluoranthene	18.957	202	16582	0.377	ng/ul	99
20) Pyrene	19.319	202	17395	0.373	ng/ul	99
21) Benzo(a)anthracene	21.086	228	15505	0.354	ng/ul	99
22) Chrysene	21.138	228	17917	0.404	ng/ul	100
24) Benzo(b)fluoranthene	22.608	252	17590	0.363	ng/ul	98
25) Benzo(k)fluoranthene	22.652	252	19730	0.407	ng/ul	98
26) Benzo(a)pyrene	23.152	252	14770	0.380	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.361	276	22698	0.389	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.378	278	17509	0.386	ng/ul	97
29) Benzo(g,h,i)perylene	26.002	276	18220	0.399	ng/ul	99

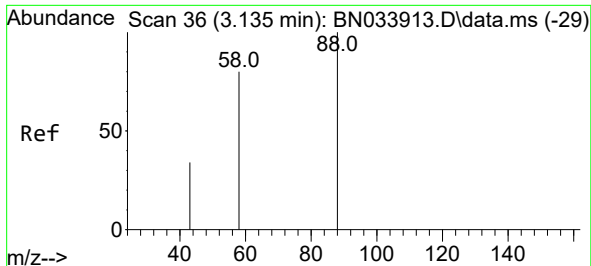
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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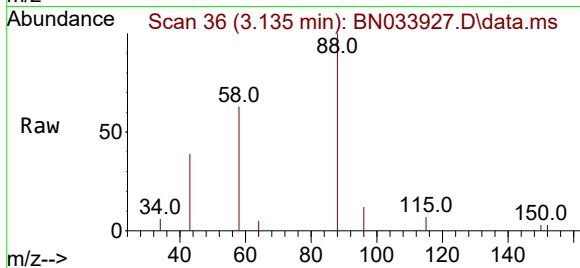
Quant Time: Sep 15 02:00:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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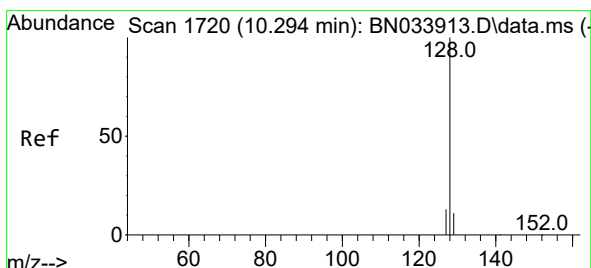
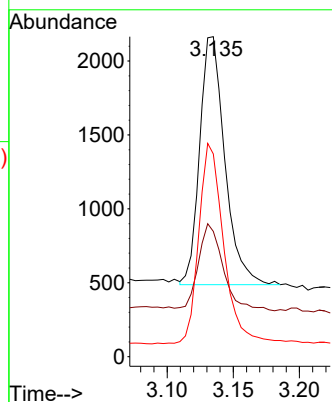
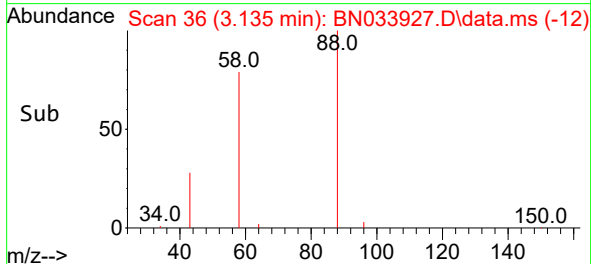


#2
1,4-Dioxane
Concen: 0.444 ng/ul
RT: 3.135 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN033927.D
Acq: 14 Sep 2024 23:02

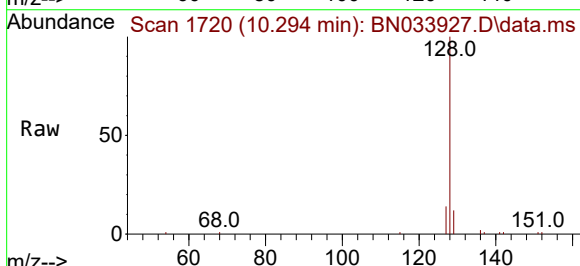
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BNA_N
ClientSampleId :
SSTD0.4305



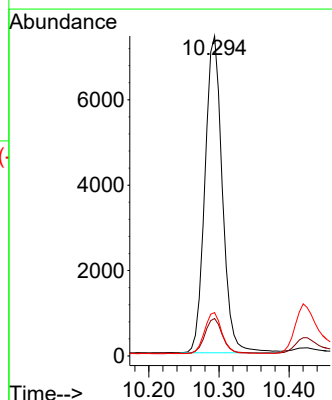
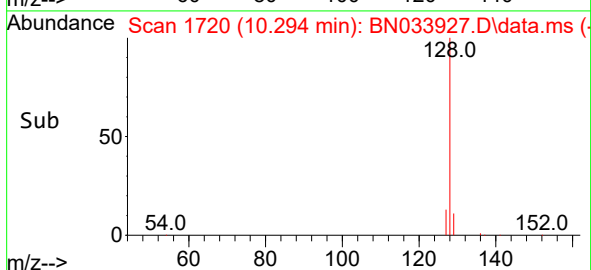
Tgt Ion: 88 Resp: 2222
Ion Ratio Lower Upper
88 100
43 39.2 47.0 70.4#
58 63.4 53.0 79.4

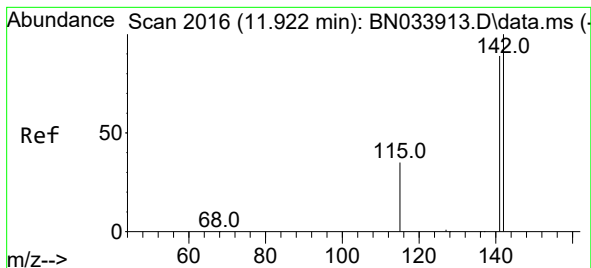


#5
Naphthalene
Concen: 0.390 ng/ul
RT: 10.294 min Scan# 1720
Delta R.T. -0.000 min
Lab File: BN033927.D
Acq: 14 Sep 2024 23:02



Tgt Ion: 128 Resp: 12806
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.5 10.8 16.2

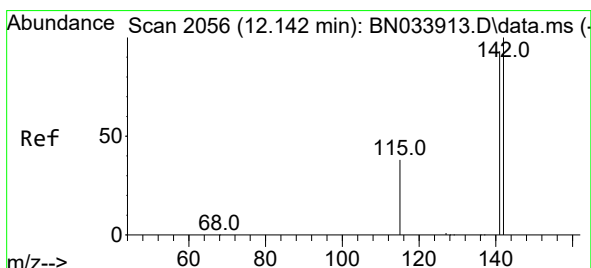
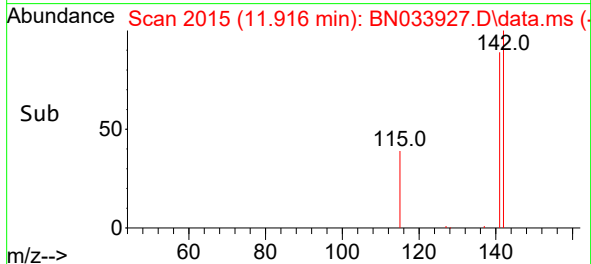
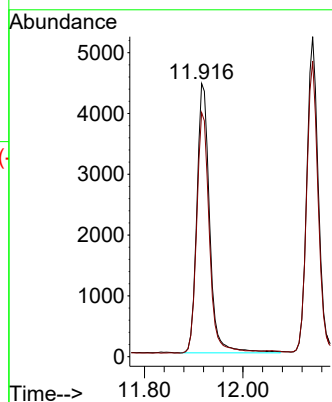
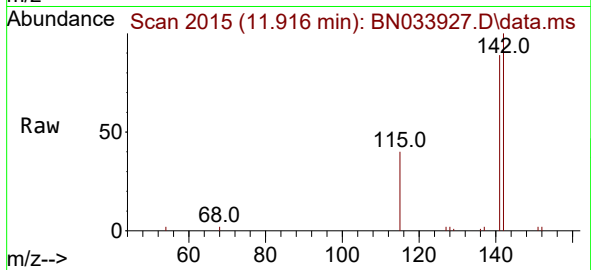




#7
2-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 11.916 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BN033927.D
Acq: 14 Sep 2024 23:02

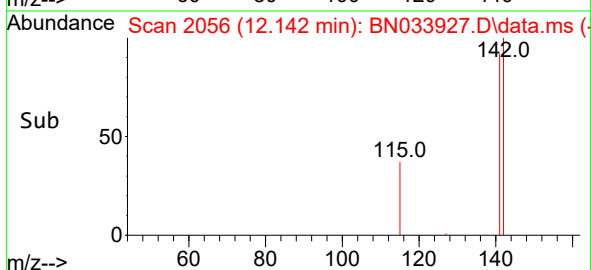
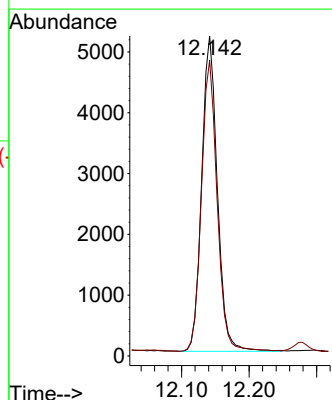
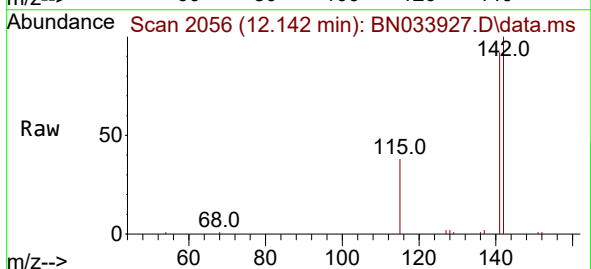
Instrument :
BNA_N
ClientSampleId :
SSTD0.4305

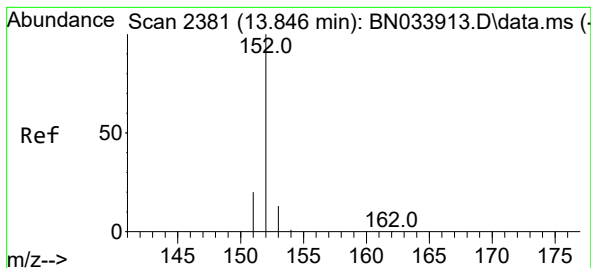
Tgt Ion:142 Resp: 7991
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.142 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BN033927.D
Acq: 14 Sep 2024 23:02

Tgt Ion:142 Resp: 8335
Ion Ratio Lower Upper
142 100
141 92.6 73.6 110.4





#10

Acenaphthylene

Concen: 0.382 ng/ul

RT: 13.846 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN033927.D

Acq: 14 Sep 2024 23:02

Instrument :

BNA_N

ClientSampleId :

SSTD0.4305

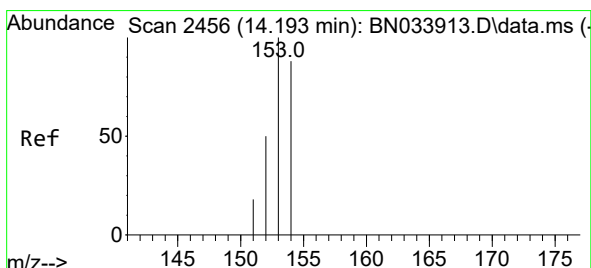
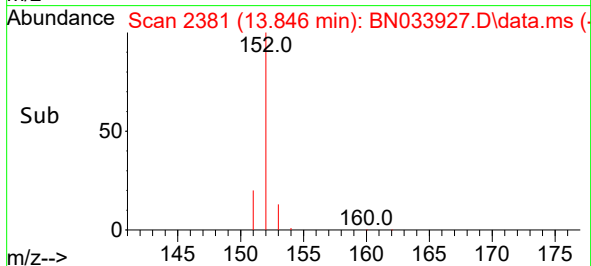
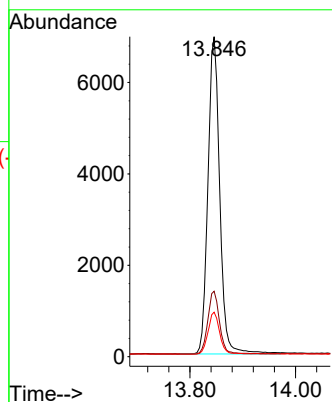
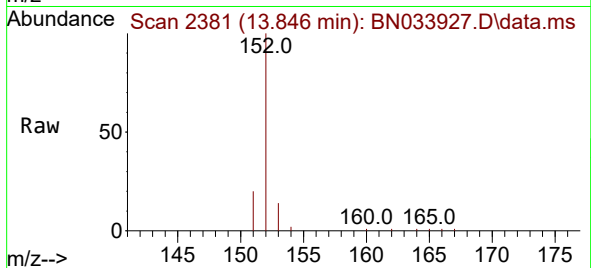
Tgt Ion:152 Resp: 10758

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

153 13.9 10.8 16.2



#11

Acenaphthene

Concen: 0.409 ng/ul

RT: 14.193 min Scan# 2456

Delta R.T. -0.000 min

Lab File: BN033927.D

Acq: 14 Sep 2024 23:02

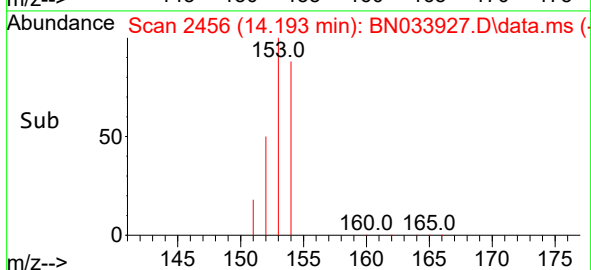
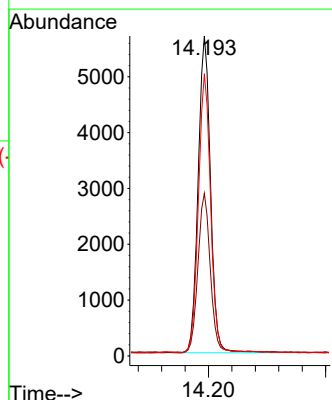
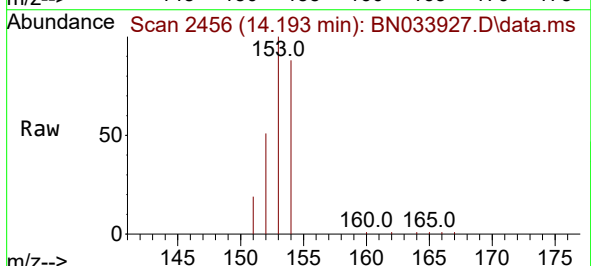
Tgt Ion:153 Resp: 8305

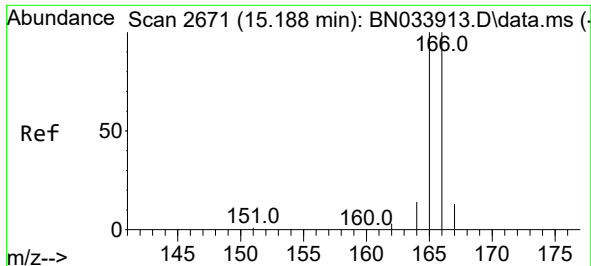
Ion Ratio Lower Upper

153 100

152 50.8 39.8 59.8

154 88.2 69.0 103.6

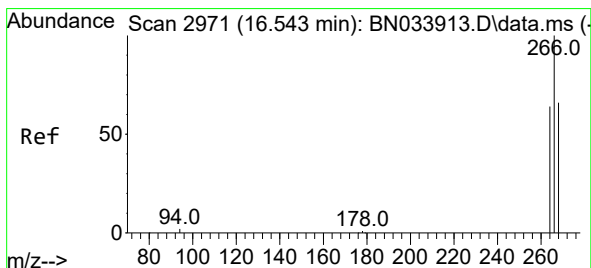
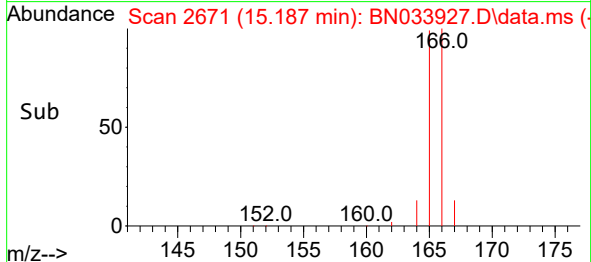
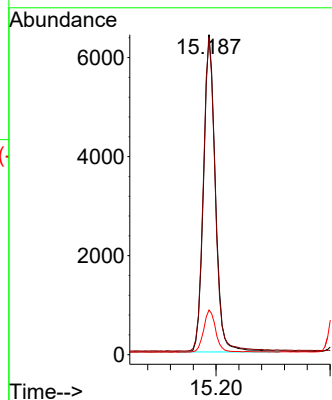
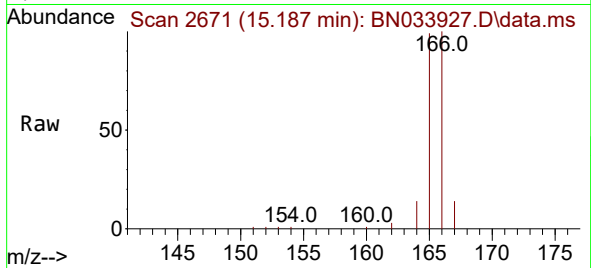




#12
Fluorene
Concen: 0.408 ng/ul
RT: 15.187 min Scan# 2671
Delta R.T. -0.000 min
Lab File: BN033927.D
Acq: 14 Sep 2024 23:02

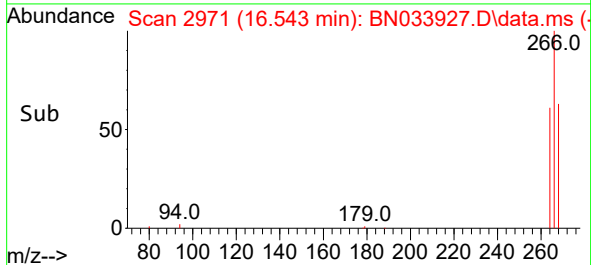
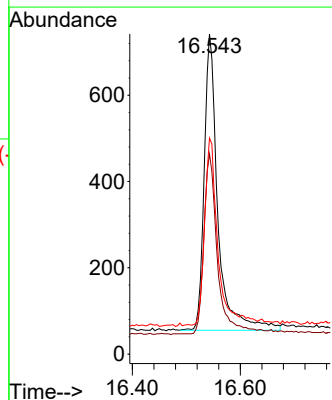
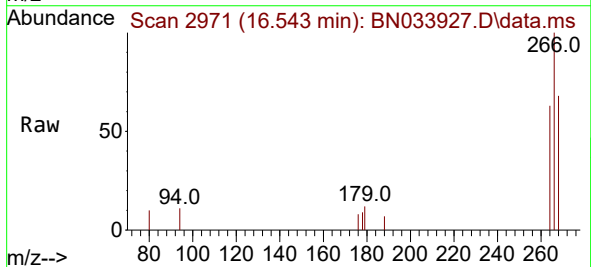
Instrument :
BNA_N
ClientSampleId :
SSTD0.4305

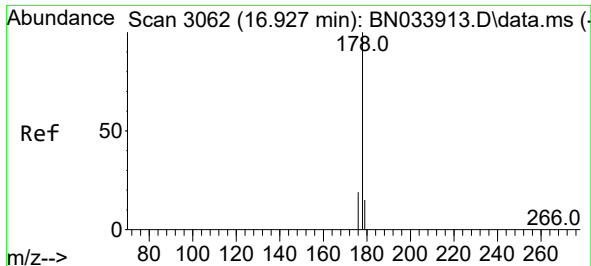
Tgt Ion:166 Resp: 9260
Ion Ratio Lower Upper
166 100
165 99.2 79.1 118.7
167 14.0 11.4 17.0



#14
Pentachlorophenol
Concen: 0.299 ng/ul
RT: 16.543 min Scan# 2971
Delta R.T. -0.000 min
Lab File: BN033927.D
Acq: 14 Sep 2024 23:02

Tgt Ion:266 Resp: 1209
Ion Ratio Lower Upper
266 100
264 63.1 50.3 75.5
268 62.8 51.7 77.5

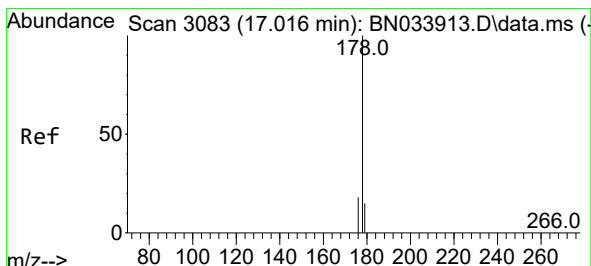
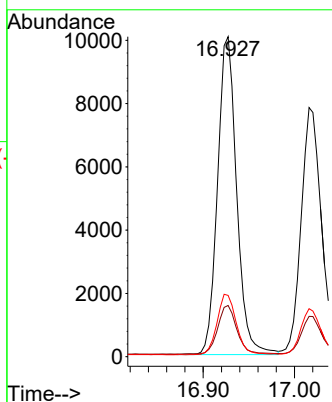
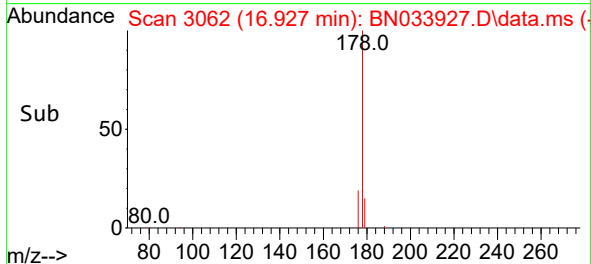
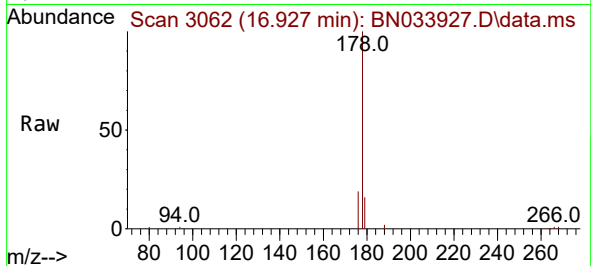




#15
Phenanthrene
Concen: 0.384 ng/ul
RT: 16.927 min Scan# 3062
Delta R.T. -0.000 min
Lab File: BN033927.D
Acq: 14 Sep 2024 23:02

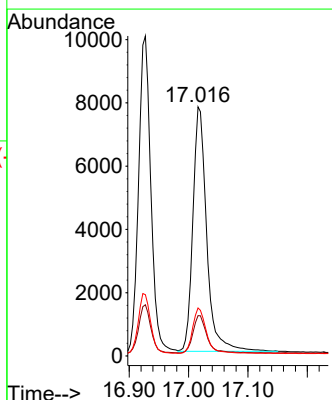
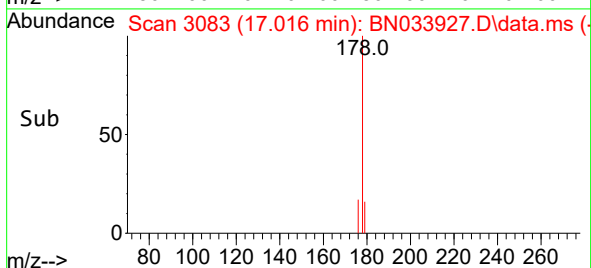
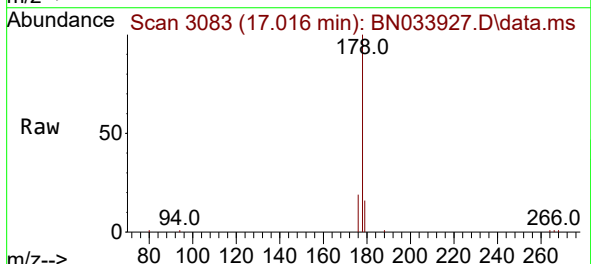
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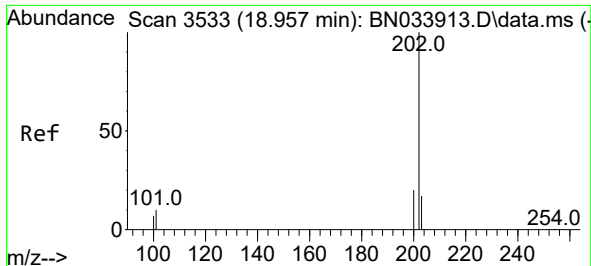
Tgt Ion:178 Resp: 14574
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 19.1 15.7 23.5



#16
Anthracene
Concen: 0.366 ng/ul
RT: 17.016 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BN033927.D
Acq: 14 Sep 2024 23:02

Tgt Ion:178 Resp: 12494
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.4
176 19.3 15.2 22.8

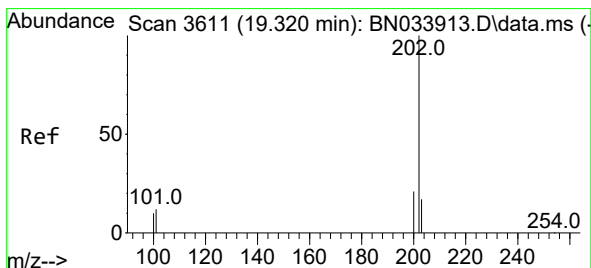
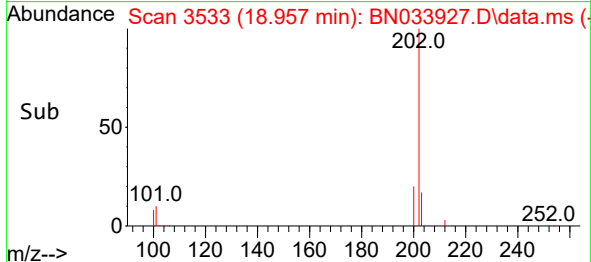
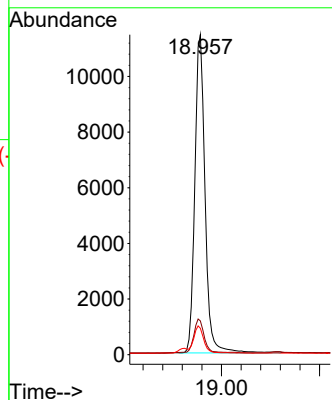
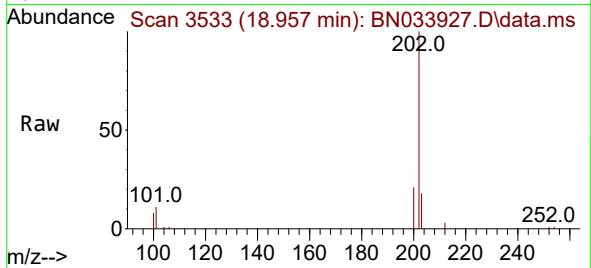




#19
Fluoranthene
Concen: 0.377 ng/ul
RT: 18.957 min Scan# 3533
Delta R.T. -0.000 min
Lab File: BN033927.D
Acq: 14 Sep 2024 23:02

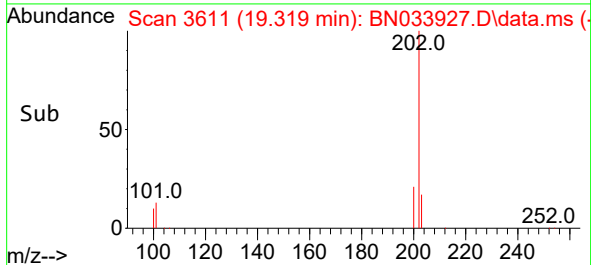
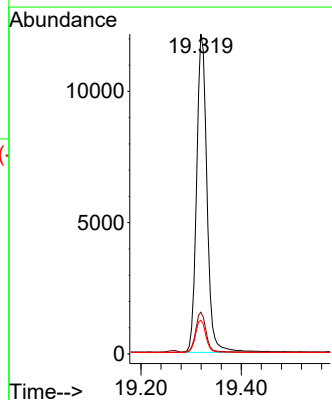
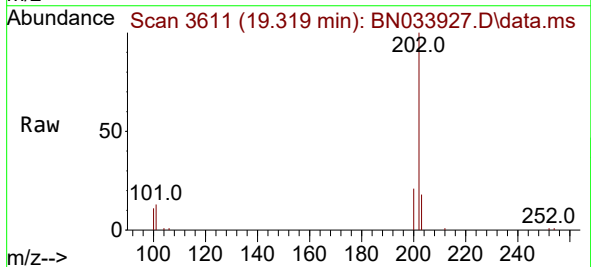
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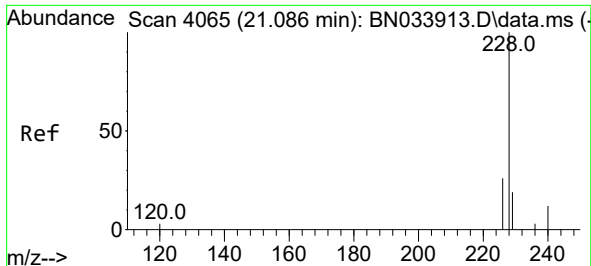
Tgt Ion:202 Resp: 16582
Ion Ratio Lower Upper
202 100
101 10.6 9.0 13.4
100 8.2 6.7 10.1



#20
Pyrene
Concen: 0.373 ng/ul
RT: 19.319 min Scan# 3611
Delta R.T. -0.000 min
Lab File: BN033927.D
Acq: 14 Sep 2024 23:02

Tgt Ion:202 Resp: 17395
Ion Ratio Lower Upper
202 100
101 13.0 10.8 16.2
100 10.6 8.7 13.1

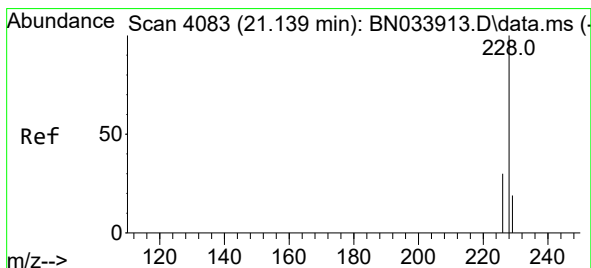
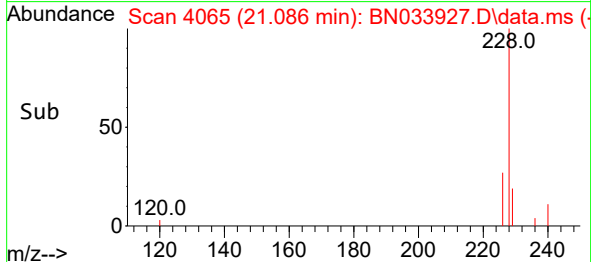
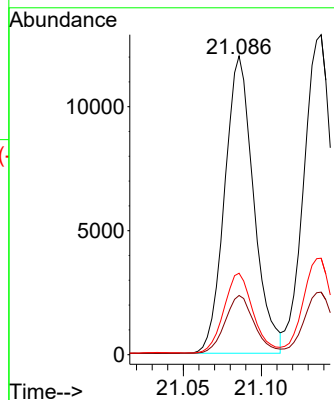
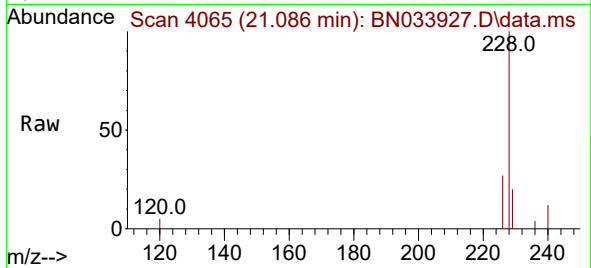




#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.086 min Scan# 4065
Delta R.T. -0.000 min
Lab File: BN033927.D
Acq: 14 Sep 2024 23:02

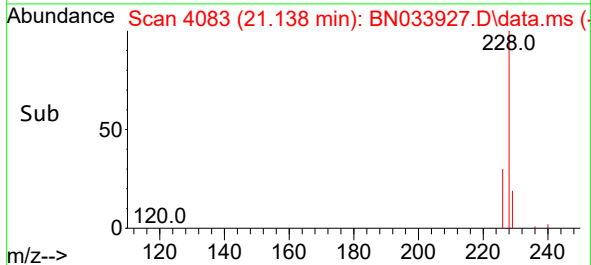
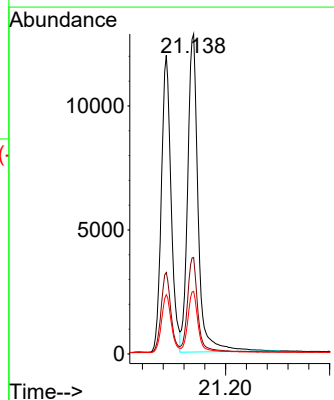
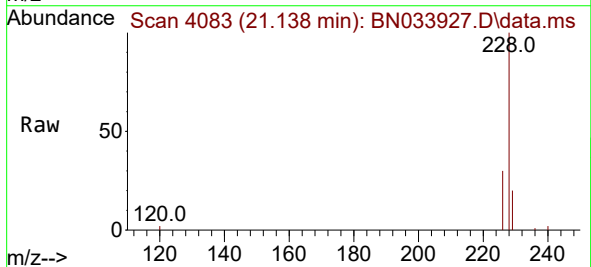
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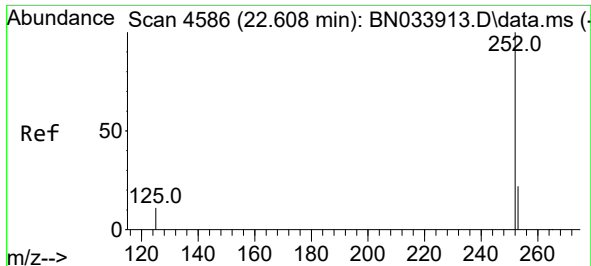
Tgt Ion:228 Resp: 15505
Ion Ratio Lower Upper
228 100
229 19.8 15.4 23.2
226 27.3 22.1 33.1



#22
Chrysene
Concen: 0.404 ng/ul
RT: 21.138 min Scan# 4083
Delta R.T. -0.000 min
Lab File: BN033927.D
Acq: 14 Sep 2024 23:02

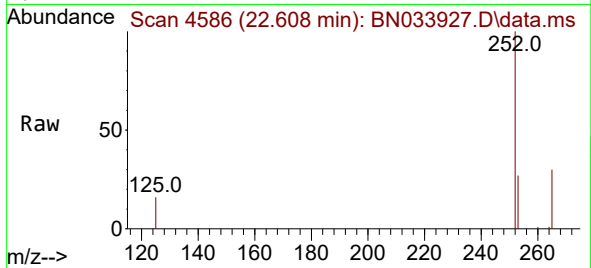
Tgt Ion:228 Resp: 17917
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 19.6 15.6 23.4



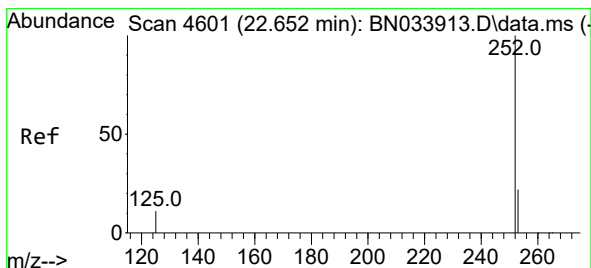
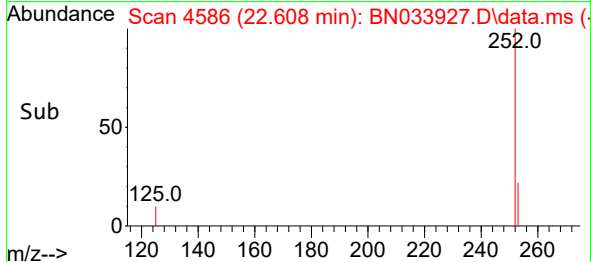
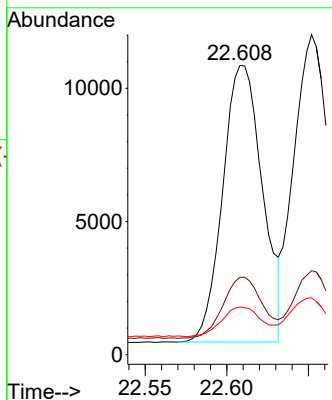


#24
Benzo(b)fluoranthene
Concen: 0.363 ng/ul
RT: 22.608 min Scan# 4586
Delta R.T. -0.000 min
Lab File: BN033927.D
Acq: 14 Sep 2024 23:02

Instrument :
BNA_N
ClientSampleId :
SSTD0.4305

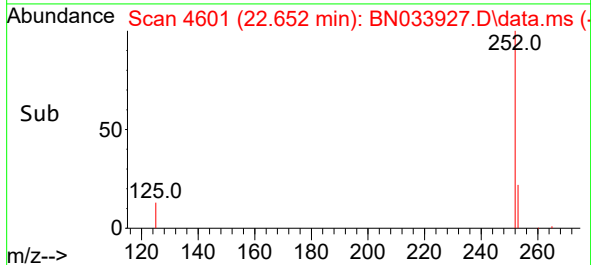
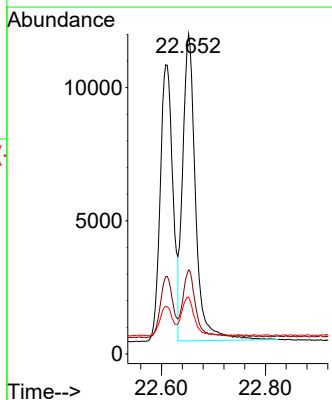
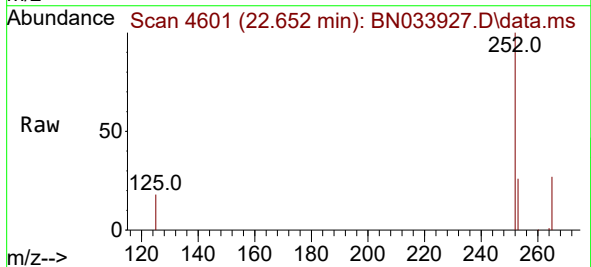


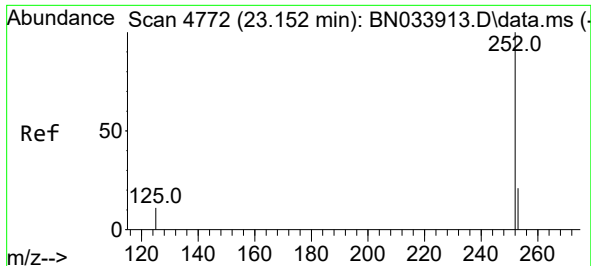
Tgt Ion:252 Resp: 17590
Ion Ratio Lower Upper
252 100
253 26.8 0.0 52.8
125 16.5 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.407 ng/ul
RT: 22.652 min Scan# 4601
Delta R.T. -0.000 min
Lab File: BN033927.D
Acq: 14 Sep 2024 23:02

Tgt Ion:252 Resp: 19730
Ion Ratio Lower Upper
252 100
253 26.3 21.4 32.0
125 17.7 15.1 22.7

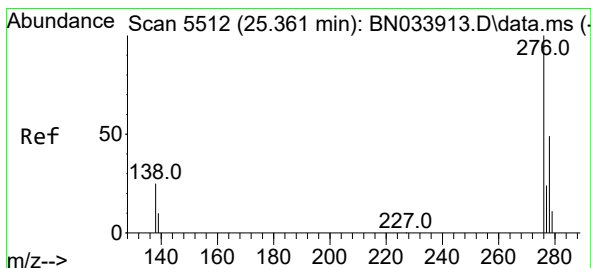
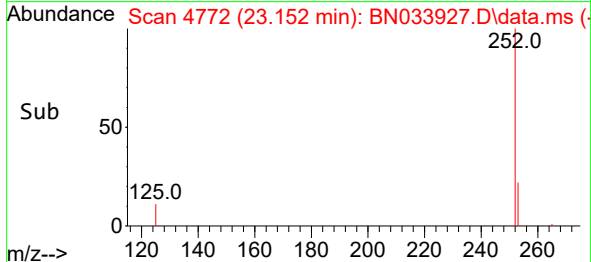
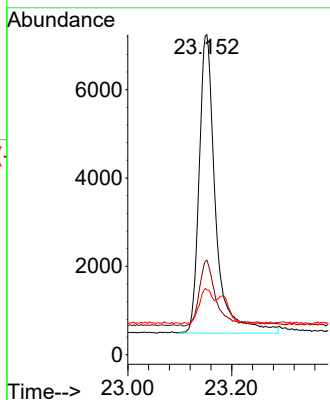
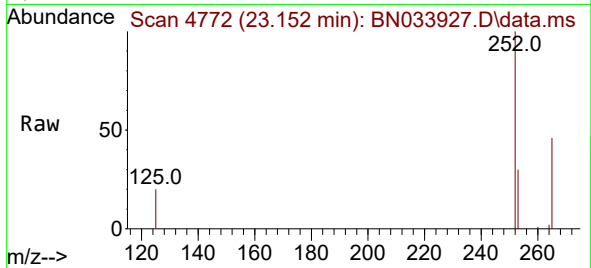




#26
Benzo(a)pyrene
Concen: 0.380 ng/ul
RT: 23.152 min Scan# 4772
Delta R.T. -0.000 min
Lab File: BN033927.D
Acq: 14 Sep 2024 23:02

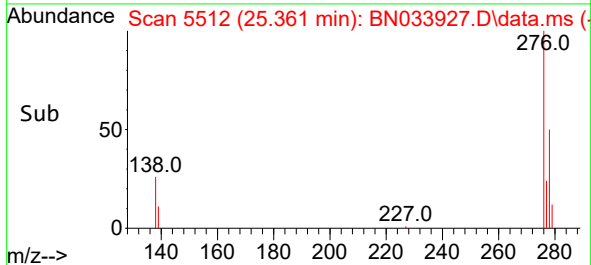
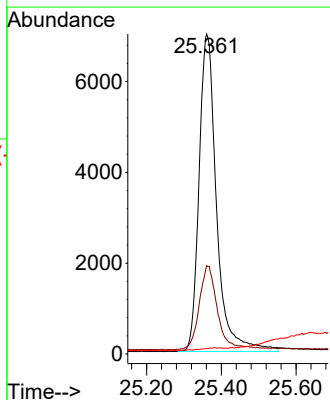
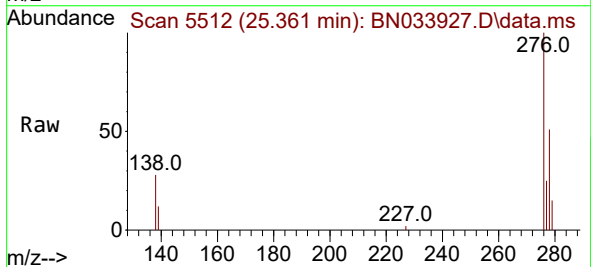
Instrument :
BNA_N
ClientSampleId :
SSTD0.4305

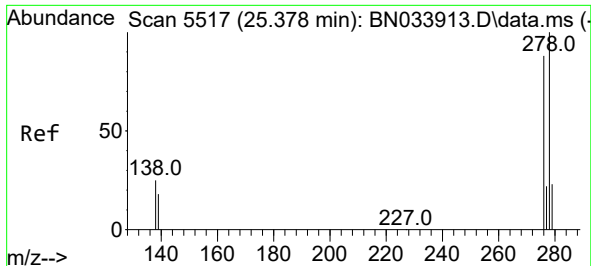
Tgt Ion:252 Resp: 14770
Ion Ratio Lower Upper
252 100
253 29.5 22.8 34.2
125 20.3 18.0 27.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng/ul
RT: 25.361 min Scan# 5512
Delta R.T. -0.000 min
Lab File: BN033927.D
Acq: 14 Sep 2024 23:02

Tgt Ion:276 Resp: 22698
Ion Ratio Lower Upper
276 100
138 27.6 22.3 33.5
227 0.0 0.2 0.4





#28

Dibenzo(a,h)anthracene

Concen: 0.386 ng/ul

RT: 25.378 min Scan# 5517

Delta R.T. -0.000 min

Lab File: BN033927.D

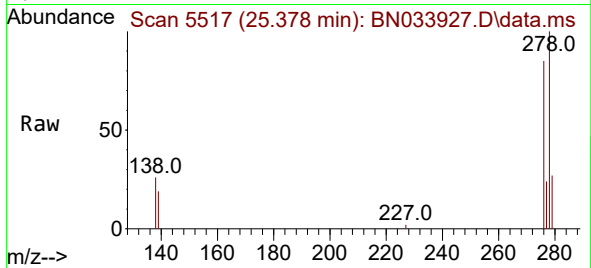
Acq: 14 Sep 2024 23:02

Instrument :

BNA_N

ClientSampleId :

SSTD0.4305



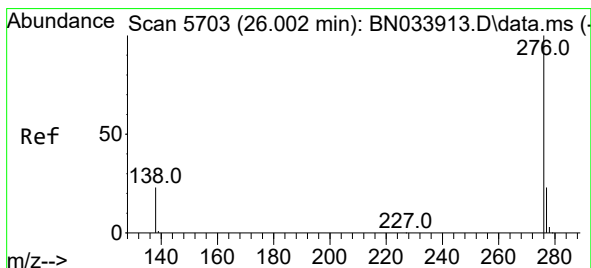
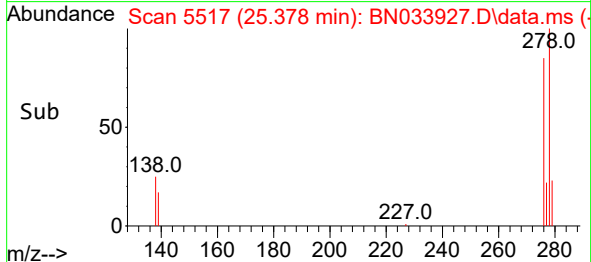
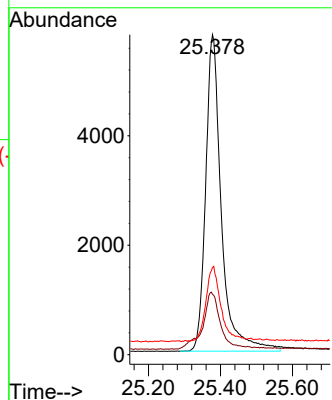
Tgt Ion:278 Resp: 17509

Ion Ratio Lower Upper

278 100

139 18.9 17.3 25.9

279 27.3 21.5 32.3



#29

Benzo(g,h,i)perylene

Concen: 0.399 ng/ul

RT: 26.002 min Scan# 5703

Delta R.T. -0.000 min

Lab File: BN033927.D

Acq: 14 Sep 2024 23:02

Tgt Ion:276 Resp: 18220

Ion Ratio Lower Upper

276 100

138 25.4 20.8 31.2

277 24.4 20.2 30.4

